FIG. 1

1a COCH(CH₃)N(CH₃)COCH₃

<u>1b</u> H

FIG. 2



FIG. 3

The first time are many are then to the mild that the time are then are then the than the than the time.

7 a 1 (L) b 2 (L) c 3 (L)

$$HOC$$
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3

<u>8</u> $R = CH_3$, HIGHER ALKYL, ARYL

ÇH₃

$$n = 1$$
: N-METHYLCYSTEINE

n = 2: N-METHYLHOMOCYSTEINE

1. (CH₃)₂CHCH₂OCOCI/Et₃N

2. <u>8</u>

$$x = 0 - 10$$

$$\begin{array}{c|c} O & CH_3 & O \\ \parallel & \parallel & \parallel \\ HOC & CH & N & C(CH_2)_xCH_3 \\ & (CH_2)_nSSR \end{array}$$

$$9 x = 0 - 10$$

$$n = 1 - 4$$

 $R = CH_3$, HIGHER ALKYL, ARYL



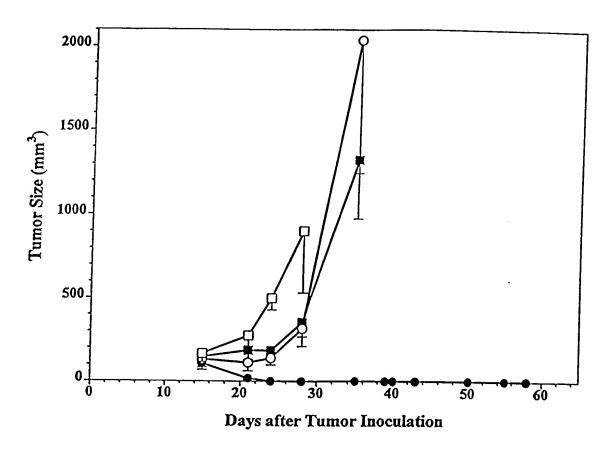
,S**-**R

FIG. 4b

9 MAYTANSINOL DCC/ZnCl₂

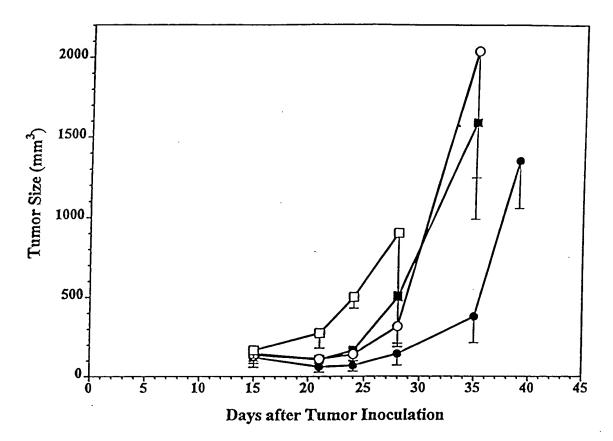
$$(CH_2)_n$$
 $(CH_2)_n$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_2)_xCH_3$
 $(CH_3)_xCH_3$
 $(CH_3)_xCH_3$

FIG. 5



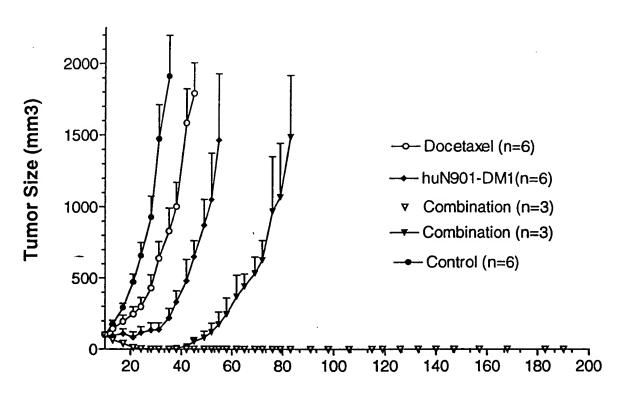
- -- Control
- -O- huN901-DM1
- -≡- paclitaxel
- --- huN901-DM1 + paclitaxel

FIG. 6



- -□- Control
- -O- huN901-DM1
- --- huN901 + cisplatin + etoposide

FIG. 7



Days after Tumor Inoculation

FIG. 8

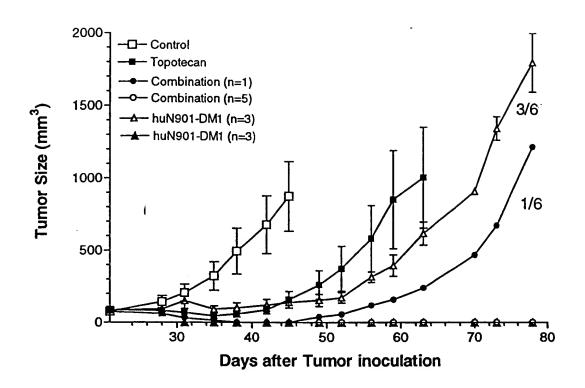
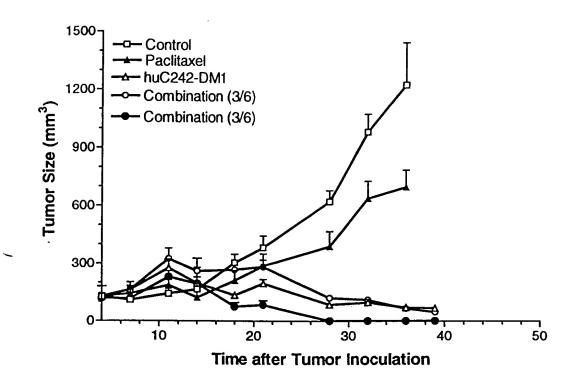


FIG. 9



don't great are the state of th

FIG. 10

